

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	191	differential adj phase adj detection	USPAT; EPO; DERWENT	OR	OFF	2004/02/02 11:42
S2	102	(differential adj phase adj detection) and DVD	USPAT; EPO; DERWENT	OR	OFF	2004/01/27 10:34
S3	20	((differential adj phase adj detection) and DVD) and ECC	USPAT; EPO; DERWENT	OR	OFF	2004/01/27 10:34
S4	132	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/27 10:52
S5	49	((380/268).CCLS.) and ( CD or DVD or optical)	USPAT; EPO; DERWENT	OR	OFF	2004/01/27 10:53
S6	14	((380/268).CCLS.) and ( CD or DVD )	USPAT; EPO; DERWENT	OR	OFF	2004/01/27 10:56
S7	4727	DVD.ti.	USPAT; EPO; DERWENT	OR	OFF	2004/01/27 10:56
S8	40	DVD.ti. and (scramble or scrambler or scrambling)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:44
S9	10	DVD.ti. and (scramble or scrambler or scrambling).ti.	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 12:55
S10	486	servo and (scramble or scrambler or scrambling)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:45
S11	212	(servo and (scramble or scrambler or scrambling)) and sector	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:45
S12	136	((servo and (scramble or scrambler or scrambling)) and sector) and (random or pseudo-random)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:45
S13	92	((((servo and (scramble or scrambler or scrambling)) and sector) and (random or pseudo-random)) and tracking	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:47
S14	41	(((((servo and (scramble or scrambler or scrambling)) and sector) and (random or pseudo-random)) and tracking) and (shift or shifting or shifts)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:48

## EAST Search History

S15	7145	(random adj number adj generator) or (random adj data adj generator)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:49
S16	17895	data adj frame	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:49
S17	142	((random adj number adj generator) or (random adj data adj generator)) and (data adj frame)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:49
S18	44	((((random adj number adj generator) or (random adj data adj generator)) and (data adj frame)) and track	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:51
S19	0	(((((random adj number adj generator) or (random adj data adj generator)) and (data adj frame)) and track) and (servo and (scramble or scrambler or scrambling))	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:50
S20	81871	(optical adj disc) or (optical adj disk)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:51
S21	34199	((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:53
S22	827	(((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:55
S23	195	((((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector) and (frame or page)) and cycle	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:55
S24	11	((((((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector) and (frame or page)) and cycle) and (random same cycle)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:22
S25	1023	(random adj number adj generator).ti.	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 15:59

## EAST Search History

S26	25	((random adj number adj generator). ti.) and (scramble or scrambler or scrambles or scrambling)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 16:00
S27	28	(708/235).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:11
S28	490	(380/46).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:11
S29	91	((380/46).CCLS.) and block and (scramble or scrambling)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:14
S30	10	((((380/46).CCLS.) and block and (scramble or scrambling)) and ((optical adj disk) or CD or DVD)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:16
S31	3	((((380/46).CCLS.) and block and (scramble or scrambling)) and ((optical adj disk) or CD or DVD)) and track	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:16
S32	3	((((380/46).CCLS.) and block and (scramble or scrambling)) and ((optical adj disk) or CD or DVD)) and track	USPAT; EPO; DERWENT	OR	ON	2004/01/30 17:16
S33	6444	Block and (scramble or scrambling or scrambles)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:22
S34	1425	(Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:23
S35	346	((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and sector	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:23
S36	38	((((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and sector) and outermost	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:24
S37	36	((((Block and (scramble or scrambling or scrambles)) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and sector) and (outermost and track)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:24

## EAST Search History

S38	4	((Block and (scramble or scrambling or scrambles)) and ((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD)) and sector) and (outermost adj track)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:12
S39	525	(((((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code))) and sector) and (frame or page)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:40
S40	1670	(((((optical adj disc) or (optical adj disc)) or CD or CD-ROM or DVD or HD-DVD) and (random or pseudo-random)) and (ECB or (error adj correction adj block) or ECC or (error adj correction adj code)))	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 17:42
S41	116	(369/59.1).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:54
S42	187	(369/44.38).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:54
S43	68	(369/44.39).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:55
S44	120	(369/59.26).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:55
S45	36	(369/59.27).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 17:56
S46	103	(369/60.01).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 18:00
S47	306	(708/250).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 18:01
S48	70	(380/221).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 18:01

## EAST Search History

S49	155	(380/239).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 18:02
S50	132	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/01/30 18:08
S51	10	((380/268).CCLS.) and track	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:09
S52	7	"5661707"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:42
S53	1142	outermost adj track	USPAT; EPO; DERWENT	OR	ON	2004/01/30 18:14
S54	392	((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (outermost adj track)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:16
S55	175	((((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD) and (outermost adj track)) and (cyclic or scramble or sector)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:28
S56	49	(4k or 4kilo or 4kbytes or 4kilobytes or ("4"?2kilobytes) or ("4"?2k)) near8 sector	USPAT; EPO; DERWENT	OR	ON	2004/01/30 18:30
S57	214678	((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:33
S58	7	((4k or 4kilo or 4kbytes or 4kilobytes or ("4"?2kilobytes) or ("4"?2k)) near8 sector) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:33
S59	20	"4603413"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:45
S60	12	"4731797"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:43
S61	23	"5122912"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:43
S62	23	"5451943"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:43

## EAST Search History

S63	16	"5151699"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 18:43
S64	80	"4603413" or "4731797" or "5122912" or "5151699" or "5451943"	USPAT; EPO; DERWENT	OR	OFF	2004/02/02 17:29
S65	661	ECC adj block	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 20:04
S66	4	(outermost adj track) and (ECC adj block)	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 19:51
S67	438	(ECC adj block) and (sector or (data adj frame))	USPAT; EPO; DERWENT	OR	ON	2004/01/30 19:53
S68	349	((ECC adj block) and (sector or (data adj frame))) and track	USPAT; EPO; DERWENT	OR	ON	2004/01/30 19:55
S69	200	((ECC adj block) and (sector or (data adj frame))) and outer	USPAT; EPO; DERWENT	OR	ON	2004/01/30 19:54
S70	315	((((ECC adj block) and (sector or (data adj frame))) and track) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)	USPAT; EPO; DERWENT	OR	ON	2004/01/30 19:55
S71	81	(((((ECC adj block) and (sector or (data adj frame))) and track) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and outermost	USPAT; EPO; DERWENT	OR	ON	2004/01/30 19:56
S72	33	(((((ECC adj block) and (sector or (data adj frame))) and track) and (((optical adj disc) or (optical adj disk)) or CD or CD-ROM or DVD or HD-DVD)) and outermost) and (random or scramble or scrambling)	USPAT; EPO; DERWENT	OR	ON	2004/01/30 19:56
S73	380	(ECC adj block) and DVD	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 20:04
S74	78	((ECC adj block) and DVD) and outermost and track	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 20:06
S75	7	"5661707"	USPAT; EPO; DERWENT	OR	OFF	2004/01/30 20:06
S76	86	((369/59.24).CCLS.) and (track or period)	USPAT; EPO; DERWENT	OR	ON	2004/01/30 20:08

## EAST Search History

S77	18	((369/59.24).CCLS.) and (track or period)) and ECC	USPAT; EPO; DERWENT	OR	ON	2004/01/30 20:08
S78	100	(369/59.24).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/02/02 11:42
S79	0	((369/59.24).CCLS.) and (DPD or DPT or (differential adj phase))	USPAT; EPO; DERWENT	OR	OFF	2004/02/02 11:42
S80	24905	((differential adj phase adj detection) or (differential adj phase tracking)).ti.	USPAT; EPO; DERWENT	OR	OFF	2004/02/02 11:43
S81	18	((differential adj phase adj detection) or (differential adj phase adj tracking)).ti.	USPAT; EPO; DERWENT	OR	OFF	2004/02/02 11:44
S82	2	("6377548").PN.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/02/02 17:29
S83	0	("erroradjcorrectionadj(codeorcodes)".PN.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/03/02 16:14
S84	8498	error adj correction adj (code or codes)	USPAT; EPO; DERWENT	OR	OFF	2004/03/02 16:14
S85	393	(error adj correction adj (code or codes)) and scrambling	USPAT; EPO; DERWENT	OR	OFF	2004/03/02 16:15
S86	212	((error adj correction adj (code or codes)) and scrambling) and (optical or DVD or CD-ROM or CDRom)	USPAT; EPO; DERWENT	OR	OFF	2004/03/02 16:17
S87	2	("5661707").PN.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/03/02 16:18
S88	1	((("5661707").PN.) and error	USPAT; EPO; DERWENT	OR	OFF	2004/03/02 16:19
S89	407	error adj correction adj block	USPAT; EPO; DERWENT	OR	OFF	2004/03/02 16:19
S10 0	7	"5661707"	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:18

## EAST Search History








S10 1	7856	random adj number adj generator	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:18
S10 2	1103	(random adj number adj generator).ti.	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:20
S10 3	0	"scramble.ti"	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:20
S10 4	766	scramble.ti.	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:20
S10 5	764	scrambler.ti.	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:20
S10 6	1490	S104 or S105	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:20
S10 7	191	S106 and (cd or dvd or optical)	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:21
S10 8	123	S106 and (cd or dvd or optical).ti.	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:26
S10 9	38	scrambled adj frame	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:44
S11 0	8	DPD adj control	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:44
S11 1	1	S110 and (cd or dvd or optical)	USPAT; EPO; DERWENT	OR	OFF	2005/02/07 19:45
S11 2	158	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/09/24 20:11
S11 3	212130	ecma "267"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:11
















## EAST Search History

S11 4	29	ECMA-267	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:11
S11 5	30	ECMA adj "267"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:12
S11 6	335	(scrambler or scrambling) same (Dvd)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:12
S11 7	0	S116 and 64kb	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:12
S11 8	6	S116 and 2k	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:13
S11 9	0	S116 and 32kb	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:13
S12 0	4	S116 and 64k	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:13
S12 1	2	S116 and 32k	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 20:13

## EAST Search History

S12 2	158	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/09/24 20:13
S12 3	533	(380/46).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/09/24 20:14
S12 4	182	(369/60.01).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/09/24 20:14
S12 5	33	(708/235).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2005/09/24 20:32
S12 6	7	"5661707"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/09/24 21:03
S12 7 	8	"5661707"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 12:54
S12 8 	168	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S12 9 	559	(380/46).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S13 0 	28	((380/268).CCLS.) and ( CD or DVD )	USPAT; EPO; DERWENT	OR	OFF	2006/03/30 15:57
S13 1 	168	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S13 2 	66	((380/268).CCLS.) and ( CD or DVD or optical)	USPAT; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S13 3 	266	differential adj phase adj detection	USPAT; EPO; DERWENT	OR	OFF	2006/03/30 15:17

## EAST Search History

S13 4	 183	(369/59.1).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S13 5	 204	(369/44.38).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S13 6	 73	(369/44.39).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:17
S13 7	 128	(369/59.26).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S13 8	 40	(369/59.27).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S13 9	 182	(369/60.01).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S14 0	 362	(708/250).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S14 1	 85	(380/221).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S14 2	 200	(380/239).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S14 3	 168	(380/268).CCLS.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/03/30 15:18
S14 4	 241	(scrambling or scrambler) same (DVD or CD)	USPAT; EPO; DERWENT	OR	OFF	2006/03/30 15:58
S14 5	 5	(scrambling or scrambler) same (DVD or CD) same (track)	USPAT; EPO; DERWENT	OR	OFF	2006/03/30 19:45
S14 6	 273	"5629980"	USPAT; EPO; DERWENT	OR	OFF	2006/03/30 19:45